

3 @ 6 x 3 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	8.5	8	8	8	20.67	7	1	12	20.16	7	1	12	20.16	4	1	12	21.16	4	1	12	21.16	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	84	18	8	1.37	308
3	8	8	8	8	20.67	5	2	6	20.16	7	1	12	20.16	4	1	12	21.16	5	1	12	21.16	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	84	18	8	1.34	317
5	8	8	8	8	20.67	5	1	12	20.16	4	1	12	20.16	5	1	12	21.16	5	1	12	21.16	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	1.34	270
10	8	8	8	8	20.67	4	2	6	20.16	5	1	12	20.16	5	1	12	21.16	4	2	12	21.16	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	1.40	290
20	8	9	8	8	20.67	4	3	12	6.66	6	2	6	20.16	6	2	6	21.16	4	3	12	6.66	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	1.40	342
30	11	13	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	1.86	328
40	14	15	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	2.19	328
50	15	17	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	3.00	4	2	12	3.00	4	4	12	3.00	104	0	8	2.45	328
60	17	18	8	8	20.67	4	3	12	6.66	6	2	6	20.16	6	2	6	21.16	4	3	12	6.66	4	2	12	3.00	4	2	12	3.00	5	4	12	3.00	104	0	8	2.58	347

3 @ 6 x 4 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	8.5	8	8	8	20.67	7	1	12	20.16	7	1	12	20.16	4	1	12	21.16	4	1	12	21.16	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	92	18	8	1.44	318
3	8	8	8	8	20.67	5	2	6	20.16	7	1	12	20.16	4	1	12	21.16	5	1	12	21.16	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	92	18	8	1.44	327
5	8	8	8	8	20.67	5	1	12	20.16	4	1	12	20.16	5	1	12	21.16	5	1	12	21.16	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	1.44	281
10	8	8	8	8	20.67	4	2	6	20.16	5	1	12	20.16	5	1	12	21.16	4	2	12	21.16	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	1.50	301
20	8	9	8	8	20.67	4	3	12	6.66	6	2	6	20.16	6	2	6	21.16	4	3	12	6.66	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	1.50	353
30	11	13	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	1.96	340
40	14	15	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	2.29	340
50	16	17	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	4.00	4	2	12	4.00	4	4	12	4.00	112	0	8	2.55	340
60	17	18	8	8	20.83	4	3	12	6.66	6	2	6	20.33	6	2	6	21.33	4	3	12	6.66	4	2	12	4.00	4	2	12	4.00	5	4	12	4.00	112	0	8	2.72	361

3 @ 6 x 5 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	8.5	8	8	8	20.67	7	1	12	20.16	7	1	12	20.16	4	1	12	21.16	4	1	12	21.16	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	100	18	8	1.56	330
3	8	8	8	8	20.67	5	2	6	20.16	7	1	12	20.16	4	1	12	21.16	5	1	12	21.16	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	100	18	8	1.53	338
5	8	8	8	8	20.67	5	1	12	20.16	4	1	12	20.16	5	1	12	21.16	5	1	12	21.16	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	1.53	292
10	8	8	8	8	20.67	4	2	6	20.16	5	1	12	20.16	5	1	12	21.16	4	2	12	21.16	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	1.60	311
20	8	10	8	8	20.67	4	3	12	6.66	6	2	6	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	1.67	357
30	11	13	8	8	20.67	4	3	12	6.66	8	1	12	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	2.06	354
40	14	15	9	8	20.83	4	3	12	6.66	8	1	12	20.33	8	1	12	21.33	4	3	12	6.66	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	2.43	355
50	16	17	10	8	21.00	4	3	12	6.66	8	1	12	20.50	8	1	12	21.50	4	3	12	6.66	4	2	12	5.00	4	2	12	5.00	4	4	12	5.00	120	0	8	2.74	355
60	17	18	10	8	21.00	4	3	12	6.66	6	2	6	20.50	6	2	6	21.50	4	3	12	6.66	4	2	12	5.00	4	2	12	5.00	5	4	12	5.00	120	0	8	2.87	380

3 @ 6 x 6 REINFORCED CONCRETE BOX BRIDGE

Maximum Fill Height ft.	Dimensions					Bars TST				Bars TSB				Bars BST				Bars BSB				Bars EWE				Bar EWI				Bar IW				Bars LNT	Bars LND	Bars WS	Concrete CY/LF	Reinf. Steel LB/LF
	ST in.	SB in.	WT in.	IT in.	BW ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	Size	No.	Spacing in.	Length ft.	No.	No.	No.						
No Fill	8.5	8	8	8	20.67	7	1	12	20.16	7	1	12	20.16	4	1	12	21.16	4	1	12	21.16	4	2	12	6.00	4	2	12	6.00	4	4	12	6.00	108	18	8	1.66	340
3	8	8	8	8	20.67	5	2	6	20.16	7	1	12	20.16	4	1	12	21.16	5	1	12	21.16	4	2	12	6.00	4	2	12	6.00	4	4	12	6.00	108	18	8	1.63	349
5	8	8	8	8	20.67	5	1	12	20.16	4	1	12	20.16	5	1	12	21.16	5	1	12	21.16	4	2	12	6.00	4	2	12	6.00	4	4	12	6.00	132	0	8	1.63	303
10	8	8	8	8	20.67	4	2	6	20.16	5	1	12	20.16	5	1	12	21.16	4	2	12	21.16	4	2	12	6.00	4	2	12	6.00	4	4	12	6.00	132	0	8	1.70	323
20	8	10	8	8	20.67	4	3	12	6.66	6	2	6	20.16	8	1	12	21.16	4	3	12	6.66	4	2	12	6.00	4	4	6	6.00	4	4	12	6.00	132	0	8	1.77	